

Page 1 of 1

All amounts are calculated in domestic currency.

Total Received Quantity:	289,0000
Total Qty to Inspect (PO U/M):	0,0000
Total Reject Quantity:	0,0000
Total Receipt Value:	\$495.33
Total Balance Due Quantity:	0,0000

B I L L O F L A D I N G

No: PEC 9303

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 20Sep16 at 15:03 From PFW
 Probill
 Via O/T
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-967549- 1 Your PO # 33640

ALUMINUM SHEET 6061 T6
 .0320 Nom X 48.0000" X 144.0000"

Heat Number Tag No
 141288B1 571112

Quantity
 96.00 SFT

PCS
 2

Wt LBS
 43

MTR

2) Our Order PEC-967549- 2 Your PO # 33640

ALUMINUM SHEET 6061 T6
 .0400 Nom X 48.0000" X 144.0000"

Heat Number Tag No
 164313B9 571113

Quantity
 192.00 SFT

PCS
 4

Wt LBS
 108

MTR

TOTAL: Tags 2 PCS 6 LBS 151

***** ADD ON TO 967482 SUR-CHARGE ADDED *****

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL 2 SKIDS GW. 488 LBS

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

No: PEC 9303

Ship Date 20Sep16 at 15:03 From PFW
 Probill
 Via O/T
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
DART AEROSPACE

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

* WE STOCK STAINLESS STEEL. *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

THYSSENKRUPP MATERIALS NA WILL CONDUCT THEIR INVENTORY, SEPT. 22 & 23/2016. THERE WILL BE NO CUSTOMER PICKUPS THOSE DAYS. HOWEVER, THE SALES OFFICE WILL REMAIN OPEN.

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

8/16-9-21

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

RECU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE _____

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

KAISER ALUMINUM FABRICATED PRODUCTS

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum
Trentwood Works
Spokane, WA 99215-5108
(800) 367-2586

CUSTOMER PO NUMBER: 5400262362-10		WORK PACKAGE:		CUSTOMER PART NUMBER: ALFLR01643		PRODUCT DESCRIPTION: HT Flat Sheet	
KAISER ORDER NUMBER: 1195649	LINE ITEM: 1	SHIP DATE: 09/29/2015		ALLOY: 6061	CLAD: BARE	TEMPER: T6	
WEIGHT SHIPPED: 10343 LB	QUANTITY: 473 PCS EST.	B/L NUMBER: 2056195		GAGE: 0.0320 IN	WIDTH: 48.000 IN	LENGTH: 144.000 IN	
SHIP TO: COPPER & BRASS SALES 905 CARLOW DRIVE UNIT D BOLINGBROOK, IL 60490 US				SOLD TO: COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US			

MHU 1930870: LOT 141288B1 175 pieces
MHU 1933868: LOT 148621B6: 123 pieces
MHU 1933869: LOT 148621B6: 175 pieces

Certified Specifications

AMS 4027/RevN ASME SB 209/Rev2010 ASTM B 209/Rev14 CMMP 019/RevD CMMP 025/RevU

Test Code: 1511

Test Results:

LOT: 141288B1 CAST: 043 DROP: 71 INGOT: 1

Melted in USA
(ASTM E8/B557)
(EN 2002-1)

DAS
14
16/09/22

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T6	LT / 02 (Min:Max)	45.7 : 46.6 (315 : 321)	40.3 : 40.9 (278 : 282)	11.4 : 11.9

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.75	0.5	0.32	0.10	1.0	0.19	0.13	0.03	0.01	0.00	TOT 0.07

LOT: 148621B6 CAST: 373 DROP: 06 INGOT: 3

Melted in USA
(ASTM E8/B557)
(EN 2002-1)

Tensile: Temper	Dir/#Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
T6	LT / 02 (Min:Max)	46.3 : 46.5 (319 : 321)	39.5 : 39.7 (272 : 274)	12.7 : 13.2

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.69	0.6	0.31	0.07	1.0	0.20	0.18	0.02	0.01	0.00	TOT 0.06

Plant Serial: 4391741
Kaiser Order Number: 1195649
Line Item: 1

Page 1 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS CA LTD

CstAr

Wgt.: 43.352 LB

Del.: 2404764245

CstOr 277967

Date 09/15/2016

Thomas Sanchez

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

Kaiser Aluminum
Trentwood Works
Spokane, WA 99215-5108
(800) 367-2586

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	
6061	MIN	0.40	0.0	0.15	0.00	0.8	0.04	0.00	0.00	0.00	MAX	0.05
	MAX	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	TOT	0.15

Aluminum Remainder

Miscellaneous Notes

6061 sheet or plate certified to AMS 4025, AMS 4026, or AMS 4027 also meets applicable requirements of cancelled specification AMS-QQ-A-250/11, Rev. A.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO-9001:2008/AS9100 certified and hereby certifies that all material shipped under this order: * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. * was melted in the United States of America or a qualifying country per DFARS 228.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. * has been thermally processed in compliance with AMS 2772, where applicable. * is mercury free, within the limits of detection of ASTM E1231 (<1ppm). * is in compliance with RoHS 2, European Union Directive 2011/65/EU. * is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) n:1907/2006. * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act. Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, LABORATORIES SUPERVISOR



Plant Serial: 4391741

Kaiser Order Number: 1195649

Line Item: 1

Page 2 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS CA LTD

Del.: 2404764245

CstAr

CstOr 277967

Wgt.: 43.352 LB

Date 09/15/2016



2

SHIP TO:

COPPER & BRASS SALES
13338 ORDEN DRIVE BUILDING H
SANTA FE SPRINGS, CA 90670

**KAISER
ALUMINUM**

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

SOLD TO:

COPPER & BRASS SALES
ATTN: ACCOUNTS PAYABLE
P.O. Box 5116
SOUTHFIELD, MI 48086

CERTIFIED TEST REPORT

Serial Number

4414227

CUSTOMER PO NUMBER: 5400290010		WORK PACKAGE:		CUSTOMER PART NUMBER: ALFLR01644		SHIP RUN/LOAD: 103527/17		GOV'T CONTRACT NUMBER:		
KAISER ORDER NO: 1208771		LINE ITEM: 2	SHIP DATE: 8-APR-2016		ALLOY: 6061	CLAD: BARE	TEMPER: T6	PRODUCT DESCRIPTION: HT Flat Sheet		
WEIGHT SHIPPED: 3803 LB		QUANTITY: 146 PCS EST.		TRUCK B/L #: 2059629		GAUGE: 0.0400 IN (1.0160 MM)		DIAMETER/WIDTH: 48.000 IN (1219.2 MM)		LENGTH: 144.000 IN (3657.6 MM)

MHU 1985723: LOT 164313B9: 102 piece LOT 166555B3: 44 pieces;

Certified Specifications

AMS 4027/RevN
CMMP 019/RevD

ASME SB 209/Rev2010
CMMP 025/RevU

ASTM B 209/Rev14

Test Code: 1511

Test Results

DAS
14
9-23
16/09/22

Lot: 164313B9 Cast 493 Drop 37 Ingot 4 Melted in USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T6	LT / 2 (Min:Max)	47.2 : 47.5 (325 : 328)	40.2 : 40.4 (277 : 279)	12.7 : 13.2

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.73	0.6	0.30	0.06	1.1	0.19	0.14	0.02	0.01	0.00	TOT 0.05

Lot: 166555B3 Cast 493 Drop 12 Ingot 3 Melted in USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T6	LT / 2 (Min:Max)	46.7 : 47.1 (322 : 325)	40.4 : 40.6 (279 : 280)	12.2 : 12.8

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.70	0.5	0.30	0.08	1.0	0.19	0.11	0.02	0.01	0.00	TOT 0.07

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4414227

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
6061												
MIN(wt%)	0.40	0.0	0.15	0.00	0.8	0.04	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

TEST NOTES

6061 sheet or plate certified to AMS 4025, AMS 4026, or AMS
4027 also meets applicable requirements of cancelled
specification AMS-QQ-A-250/11, Rev. A.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO-9001:2008/AS9100C certified and hereby certifies that all material shipped under this order:

- * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements.
- * was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- * has been thermally processed in compliance with AMS 2772, where applicable.
- * is mercury free, within the limits of detection of ASTM E1251 (≤ 1 ppm).
- * is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- * is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) n°1907/2006.
- * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.

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JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

SHIP TO:
COPPER & BRASS SALES
13338 ORDEN DRIVE BUILDING H
SANTA FE SPRINGS, CA 90670

**KAISER
ALUMINUM**

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4414227

SOLD TO:
COPPER & BRASS SALES
ATTN: ACCOUNTS PAYABLE
P.O. Box 5116
SOUTHFIELD, MI 48086

CUSTOMER PO NUMBER: 5400290010		WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR01644		SHIP RUN/LOAD: 103527/17	GOV'T CONTRACT NUMBER:
KAISER ORDER NO: 1208771	LINE ITEM: 2	SHIP DATE: 8-APR-2016	ALLOY: 6061	CLAD: BARE	TEMPER: T6	PRODUCT DESCRIPTION: HT Flat Sheet
WEIGHT SHIPPED: 3803 LB	QUANTITY: 146 PCS EST.	TRUCK B/L #: 2059629	GAUGE: 0.0400 IN (1.0160 MM)		DIAMETER/WIDTH: 48.000 IN (1219.2 MM)	LENGTH: 144.000 IN (3657.6 MM)

MHU 1985723: LOT 164313B9: 102 piece LOT 166555B3: 44 pieces;

Certified Specifications

AMS 4027/RevN
CMMP 019/RevD

ASME SB 209/Rev2010
CMMP 025/RevU

ASTM B 209/Rev14

Test Code: 1511

Test Results

Lot: 164313B9 Cast 493

Drop 37

Ingot 4

Melted in USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper T6	Dir / # Tests LT / 2 (Min:Max)	Ultimate KSI (MPA) 47.2 : 47.5 (325 : 328)	Yield KSI (MPA) 40.2 : 40.4 (277 : 279)	Elongation % 12.7 : 13.2
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(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.73	0.6	0.30	0.06	1.1	0.19	0.14	0.02	0.01	0.00	TOT 0.05

Lot: 166555B3 Cast 493

Drop 12

Ingot 3

Melted in USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper T6	Dir / # Tests LT / 2 (Min:Max)	Ultimate KSI (MPA) 46.7 : 47.1 (322 : 325)	Yield KSI (MPA) 40.4 : 40.6 (279 : 280)	Elongation % 12.2 : 12.8
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(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.70	0.5	0.30	0.08	1.0	0.19	0.11	0.02	0.01	0.00	TOT 0.07

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4414227

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
6061												
MIN(wt%)	0.40	0.0	0.15	0.00	0.8	0.04	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.05	TOT	0.15
Aluminum Remainder												

TEST NOTES

6061 sheet or plate certified to AMS 4025, AMS 4026, or AMS
4027 also meets applicable requirements of cancelled
specification AMS-QQ-A-250/11, Rev. A.

CERTIFICATION

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- was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- has been thermally processed in compliance with AMS 2772, where applicable.
- is mercury free, within the limits of detection of ASTM E1251 (< = 1ppm).
- is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) n°1907/2006.
- is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.

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JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 33640/135724

MATERIAL M6061T6S.040
DATE 16/09/22

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 192SF
QUANTITY INSPECTED 192SF
QUANTITY REJECTED

THICKNESS ORDERED .040
THICKNESS RECEIVED .038
SHEET SIZE ORDERED
SHEET SIZE RECEIVED

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>.038</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	

HEAT # 16431389
M6061T6S.040
M135724

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION

INSPECTED BY 14
DATE 16/09/22

SIGNED OFF BY
DATE

ENGINEERING SIGNOFF (if required)

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO - BATCH NO 33646/135724

MATERIAL M6061T6S.032
DATE 16/09/22

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 96 SA
QUANTITY INSPECTED 96 ST
QUANTITY REJECTED _____

THICKNESS ORDERED .032
THICKNESS RECEIVED .032
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>.032</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>HEAT# 141288B1</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M6061T6S.032</u>
CORRECT MP ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M135724</u>
DOES THIS MATERIAL REQUIRE AN MELTING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION **ENGINEERING SIGNOFF (if required)**

INSPECTED BY _____
DATE 16/09/22

SIGNED OFF BY _____
DATE _____

Attach this inspection sheet with the corresponding material cert and cert to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33640

Purchase Order Date 9/13/2016

PO Print Date 9/13/2016

Page Number 1 of 4

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

SEP 13 2016

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6B1.000X02.000	6061-T6 Bar 1.00 x 2.00	9/16/2016 Yes 9/16/2016		24.00 f	\$7.13	\$171.20
MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221							
Line Total:							\$171.20
2	M6061T6B2.500X01.500	6061-T6 Bar 2.50 x 1.50	9/16/2016 Yes 9/16/2016		12.00 f	\$11.05	\$132.60
MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221							
Line Total:							\$132.60

PO Instructions: QUOTE NO. PEC ST-966638

Note:

9/13/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33640

Purchase Order Date 9/13/2016

PO Print Date 9/13/2016

Page Number 2 of 4

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

3	M6061T6R3.250	6061-T6 RD BAR 3.250"	9/16/2016	12.00	✓	1x	\$22.91	\$274.95
			Yes	f				
			9/16/2016					

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$274.95

4	M6061T6S.032	6061-T6 Sheet 0.032"	9/16/2016	96.00	✓	2x	\$2.13	\$204.70
			Yes	sf				
			9/16/2016					

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

Line Total: \$204.70

5	M6061T6S.040	6061-T6 .040 Sheet	9/16/2016	192.00	✓	4x	\$2.32	\$445.00
			Yes	sf				
			9/16/2016					

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

PO Instructions: QUOTE NO. PEC ST-966638

Note:

9/13/2016

8016-9-21



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33640

Purchase Order Date 9/13/2016

PO Print Date 9/13/2016

Page Number 3 of 4

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Total: \$445.00

6	M303R0.500	303 Round Bar 0.500"	9/16/2016	24.00	\$1.90	\$45.60
			Yes	f		
			9/16/2016			

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$45.60

7	M303R2.000	303 ROUND BAR 2"	9/16/2016	12.00	\$20.86	\$250.29
			Yes	f		
			9/16/2016			

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$250.29

8	M304R1.250	304 round bar 1.250	9/16/2016	24.00	\$10.05	\$241.11
			Yes	f		
			9/16/2016			

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

PO Instructions: QUOTE NO. PEC ST-966638

Note:

SP16-9-19.

9/13/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33640**

Purchase Order Date 9/13/2016

PO Print Date 9/13/2016

Page Number 4 of 4

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Total: \$241.11

9 71401-45

PROCUREMENT
QUALITY CLAUSES

9/16/2016

1.00

\$0.00

\$0.00

No

9/16/2016

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total: \$0.00

PO Total: \$1,765.45

PO Instructions: QUOTE NO. PEC ST-966638

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 9/13/2016